IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Pa	atent Ap	plication of)	MAIL STOP PATENT APPLICATION
Charles	s M. BU	CHANAN et al.)	Group Art Unit: Unassigned
		: Unassigned Appl. No. 10/042,306))	Examiner: Unassigned
Filed:	June 24	1, 2003)	Confirmation No.: Unassigned
For:	GUES' METH	ODEXTRIN SULFONA I INCLUSION COMPL ODS OF MAKING THE RELATED MATERIALS	EXES,) E SAME	
			ATION DISCLANSMITTAL I	OSURE STATEMENT
P.O. B	ox 1450	for Patents A 22313-1450		
Sir:				
above-i		ed is an Information Disc d patent application.	closure Statemer	nt and accompanying form PTO-1449 for the
	[X]	No additional fee for su	ibmission of an	IDS is required.
	[]	The fee of \$180.00 (180	06) as set forth i	in 37 C.F.R. § 1.17(p) is also enclosed.
	[]	A statement under 37 C	C.F.R. § 1.97(e)	is also enclosed.
	[]	A statement under 37 C in 37 C.F.R. § 1.17(p)		, and the fee of \$180.00 (1806) as set forth d.
	[]	Charge \$	to Deposit Acc	ount No. 02-4800 for the fee due.
	[]	A check in the amount	of \$	is enclosed for the fee due.
	nd 1.21		this paper, and t	y appropriate fees under 37 C.F.R. §§ 1.16, to credit any overpayment, to Deposit icate.
			Respectfully su	bmitted,
			BURNS, DOANE	e, Swecker & Mathis, L.L.P.
Date:	June 2	4, 2003	By: Nhat D. P Registration	han on No. 39,581
		A 22313-1404		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re P	atent Application of) MAIL STOP PATENT APPLICATION
Charle	s M. BUCHANAN et al.) Group Art Unit: Unassigned
	ation No.: Unassigned) Examiner: Unassigned
(DIVISI	onal of Appl. No. 10/042,306)) Confirmation No.: Unassigned
Filed:	June 24, 2003)
For:	CYCLODEXTRIN SULFONATES,)
	GUEST INCLUSION COMPLEXES,	,)
	METHODS OF MAKING THE SAME)
	AND RELATED MATERIALS)

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98.

U.S. Patent Documents

U.S. Patent No.	3,426,011
U.S. Patent No.	5,134,127
U.S. Patent No.	5,162,590
U.S. Patent No.	5,376,645
U.S. Patent No.	5,874,418
U.S. Patent No.	6,046,177
U.S. Patent No.	6,479,467

Non-Patent Literature Documents

BRIGHT, Samuel C., et al., "Alkane Sulphonate Preparation by the Sulphitation of Long Chain Olefins," J. Appl. Chem. Biotechnol., 1975, pp. 901-912, Vol. 25

CHANKVETADZE, Bezhan, et al., "Enantiomeric resolution of anionic R/S-1,1'-binaphthyl-2,2'-diyl hydrogen phosphate by capillary electrophoresis using anionic cyclodextrin derivatives as chiral selectors," J. Chromatogr. A, 1995, pp. 234-237, Vol. 704

HERKE, Robert, et al., "Addition of Bisulfite to α -Olefins: Synthesis of n-Alkana Sulfonates and Characterization of Intermediates," *JAOCS*, January 1992, pp. 47-51, Vol. 69, No. 1

KHARASCH, M.S., et al., "The Peroxide Effect in the Addition of Reagents to Unsaturated Compounds. XVIII. The Addition and Substitution of Bisulfite," *J. Org. Chem.*, 1939, pp. 175-192, Vol. 3

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NORTON, Charles J., et al., "Alkanesulfonate Synthesis. I. Ion Catalysis of Sulfite Radical-Ion Addition to Olefins," *J. Organic Chemistry*, November 1968, pp. 4158-4165, Vol. 33, No. 11

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TERABE, Shigeru, et al., "Electrokinetic Chromatography With 2-O-Carboxymethly-β-Cyclodextrin as a Moving 'Stationary' Phase," *Journal of Chromatography*, 1985, pp. 211-217, Vol. 332

UEKAMA, Kaneto, et al., "Cyclodextrin Drug Carrier Systems," *Chem. Rev.*, 1998, pp. 2045-2076, Vol. 98, No. 5

WENZ, Gerhard, et al., "Synthesis of highly water-soluble cyclodextrin sulfonates by addition of hydrogen sulfite to cyclodextrin allyl ethers," *Carbonhydrate Research*, 1999, pp. 153-165, Vol. 322

This information is being submitted within three (3) months of the filing or entry of the national stage of this application or before the first Office Action on the merits, whichever is later. Since the information is being filed within the time period set forth in 37 C.F.R. § 1.97(b), no fee or statement is required.

Copies of the listed documents were made of record in prior U.S. Application No. 10/042,306, filed January 11, 2002. In accordance with 37 C.F.R. § 1.98(d), copies of the listed documents are not included.

Information Disclosure Statement Application No. <u>Unassigned</u> Attorney's Docket No. <u>008111-155</u> Page 3

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner-initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: <u>June 24, 2003</u>

Nhat D. Phan

Registration No. 39581

P.O. Box 1404 Alexandria, VA 22313-1404 703/836-6620

Substitute for forms 1449A/PTO & 1449B/PTO	ATTORNEY'S DKT NO. 008111-155	APPLICATION NO. Unassigned (Divisional of 10/042,306)
	APPLICANT	
FIRST INFORMATION DISCLOSURE	Charles M. BUCHANAN	et al
STATEMENT BY APPLICANT	FILING DATE	GROUP
	June 24, 2003	Unassigned

Document Number Kind Code (if known) Name of Patentee or Applicant of Cited Document Date (MM-DD-YYY)				J.S. PATENT DOCUMENTS					
5,134,127 Stella et al. 07/28/1992 5,162,590 Fischer et al. 11/10/1992 5,376,645 Stella et al. 12/27/1994 5,874,418 Stella et al. 02/23/1995 6,046,177 Stella et al. 04/04/2000 6,479,467 Buchanan et al. 04/04/2000 6,479,467 Buchanan et al. 11/2002							Issue/Publication Date (MM-DD-YYYY)		
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